

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: See attachedApplication No./Patent No.: See attached Filed/Issue Date: See attachedEntitled: See attached**Broadcom Corporation**, a **California Corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
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in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel see, Frame attached, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Bruce E. Garlick/1/20/12

Signature

Date

Bruce E. GarlickReg. No. 36,520(512) 751-5682

Printed or Typed Name

Telephone Number

Practitioner associated with USPTO CN 51,472

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Docket No. | Applicant/Patent Owner | File Date | Application No. | Conf No. | Title | Reel/Frame |
|------------|------------------------|------------|-----------------|----------|---|-------------|
| BP1950C1 | Kolze, et al. | 12/11/2007 | 12/001,316 | 2966 | DETECTION AND MITIGATION OF TEMPORARY IMPAIRMENTS IN A COMMUNICATIONS CHANNEL | 012931/0445 |
| BP1950C2 | Kolze, et al. | 11/29/2011 | 13/306,400 | 4967 | DETECTION AND MITIGATION OF TEMPORARY IMPAIRMENTS IN A COMMUNICATIONS CHANNEL | 012931/0445 |
| BP21534 | Ojard, et al. | 04/16/2010 | 12/761,567 | 1454 | METHOD AND SYSTEM FOR BEAMFORMING SIGNAL TRANSMISSION UNDER A PIR-ANTENNA POWER CONSTRAINT | 024404/0465 |
| BP21593 | Karaoguz, et al. | 11/18/2010 | 12/948,975 | 4966 | SYSTEM AND METHOD FOR MONITORING AND REPORTING PRESENTATION OF RECORDED ADVERTISING CONTENT | 025584/0409 |
| BP21773 | Karaoguz, et al. | 03/09/2011 | 13/043,829 | 9599 | TACTILE COMMUNICATION SYSTEM | 026680/0610 |
| BP2567C5 | Karaoguz, et al. | 02/02/2009 | 12/363,934 | 3056 | METHOD OF CREATING INCENTIVES FOR USING WIRELESS HOTSPOT LOCATIONS | 022403/0934 |
| BP2567C6 | Karaoguz, et al. | 01/03/2011 | 12/983,791 | 1060 | METHOD OF CREATING INCENTIVES FOR ESTABLISHING HOTSPOT LOCATIONS | 022403/0934 |
| BP2569 | Karaoguz, et al. | 12/10/2002 | 10/315,187 | 1190 | ADVERTISING AND CONTROLLING THE ADVERTISEMENT OF WIRELESS HOT SPOTS | 013560/0015 |
| BP2569C1 | Karaoguz, et al. | 12/12/2011 | 13/316,721 | 5911 | ADVERTISING AND CONTROLLING THE ADVERTISEMENT OF WIRELESS HOT SPOTS | 013560/0015 |
| BP2572C2 | Karaoguz, et al. | 09/13/2011 | 13/231,379 | 3385 | CONTROLLING AND ENHANCING HANDOFF BETWEEN WIRELESS ACCESS POINTS | 013569/0033 |
| BP2573C1 | Jeyhan Karaoguz | 09/18/2007 | 11/902,010 | 5835 | Using signal-generated location information to identify and list available devices | 013560/0771 |
| BP2573C2 | Jeyhan Karaoguz | 02/02/2009 | 12/364,392 | 3924 | Using Signal-Generated Location Information to Identify and List Available Devices | 013560/0771 |
| BP2575 | Jeyhan Karaoguz | 12/09/2002 | 10/314,292 | 1367 | Using location information to control transmission signal levels of wireless devices | 013560/0754 |
| BP2576C1 | Jeyhan Karaoguz | 09/07/2010 | 12/876,613 | 1687 | METHOD OF DETERMINING OPTIMAL CELL CONFIGURATION BASED UPON DETERMINED DEVICE LOCATION | 013559/0823 |
| BP2578C1 | Karaoguz, et al. | 08/10/2009 | 12/538,331 | 7171 | OPTIMIZING NETWORK CONFIGURATION FROM ESTABLISHED USAGE PATTERNS OF ACCESS POINTS | 013697/0165 |
| BP2580C1 | Karaoguz, et al. | 07/14/2011 | 13/183,033 | 7536 | Software Applications Incorporating Functionalities Based in Data-Type and Access | 026014/0901 |
| BP2612 | Karaoguz, et al. | 06/26/2003 | 10/606,503 | 5221 | tion system and method for discovering end-points that utilize a link layer connection in a wired/wireless local area network | 013895/0849 |
| BP2726 | Martin, et al. | 09/09/2003 | 10/658,450 | 4742 | System and method for access point (AP) aggregation and resiliency in a hybrid wired/wireless local area network | 014225/0162 |

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| BP2801.1 | Bennett, et al. | 09/26/2003 | 10/672,648 | 8226 | Third-party access and control of media peripherals on a media exchange network | 014244/0507 |
| BP2801.2 | Bennett, et al. | 09/26/2003 | 10/672,601 | 1971 | Automatic access and control of media peripherals on a media exchange network | 014264/0504 |
| BP2801C2 | Bennett, et al. | 06/07/2010 | 12/795,405 | 1858 | SONAL ACCESS AND CONTROL OF MEDIA PERIPHERALS ON A MEDIA EXCHANGE NETWORK | 014218/0696 |
| BP2802 | Karaguz, et al. | 09/30/2003 | 10/675,076 | 5075 | Method and system for TV interface for coordinating media exchange with a media peripheral | 014303/0351 |
| BP2803 | Karaguz, et al. | 09/30/2003 | 10/675,382 | 6840 | Method and system for media processing providing access to distributed media via a channel guide | 014252/0931 |
| BP2804 | Bennett, et al. | 09/30/2003 | 10/675,073 | 7513 | Method and system for media channel setup in a media exchange network | 014666/0344 |
| BP2805 | Bennett, et al. | 09/30/2003 | 10/675,467 | 5573 | Method and system for personal channel programming in a media exchange network | 014252/0914 |
| BP2806 | Bennett, et al. | 09/30/2003 | 10/675,490 | 5995 | Method and system for personal media program production in a media exchange network | 014244/0422 |
| BP2807 | Karaguz, et al. | 09/30/2003 | 10/675,653 | 5800 | Media processing system automatically offering access to newly available media in a media exchange network | 014244/0495 |
| BP2808 | Bennett, et al. | 09/30/2003 | 10/675,654 | 5801 | Migration of stored media through a media exchange network | 014252/0796 |
| BP2809 | Bennett, et al. | 09/22/2003 | 10/667,829 | 1006 | Media processing system supporting user captured media display sequencing when in idle state | 014249/0376 |
| BP2810 | Karaguz, et al. | 09/30/2003 | 10/675,057 | 5837 | Method and system for mixing broadcast and stored media in a media exchange network | 015987/0448 |
| BP2811 | Bennett, et al. | 09/22/2003 | 10/667,833 | 1002 | Media exchange network supporting consumption of broadcast and user captured media | 014255/0561 |
| BP2812C2 | Karaguz, et al. | 09/27/2011 | 13/246,163 | 8595 | PORTABLE MEDIA PROCESSING UNIT IN A MEDIA EXCHANGE NETWORK | 014266/0990 |
| BP2813 | Bennett, et al. | 09/30/2003 | 10/675,489 | 6006 | Method and system for media exchange network with service user interface | 014244/0625 |
| BP2814 | Bennett, et al. | 09/30/2003 | 10/675,081 | 5083 | Method and system for media exchange network functionality synchronized with media broadcasting | 014252/0787 |
| BP2815 | Bennett, et al. | 09/30/2003 | 10/675,193 | 5333 | Method and system for media exchange network functionality accessed via media processing system key code entry | 014249/0876 |
| BP2817 | Karaguz, et al. | 09/30/2003 | 10/675,448 | 5601 | Media exchange network supporting local and remote personalized media overlay | 014244/0499 |
| BP2818C1 | Karaguz, et al. | 08/24/2011 | 13/216,457 | 4158 | CARD-BASED AND INDEPENDENT SERVER-BASED BILLING AND AUTHORIZATION SYSTEM IN A MEDIA EXCHANGE NETWORK | 014307/0154 |

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| BP2819 | Karaoguz, et al. | 09/30/2003 | 10675,904 | 6131 | Media exchange network with media guide interface | 014266/0973 |
| BP2821C2 | Karaoguz, et al. | 06/28/2011 | 13/170,597 | 4131 | MEDIA SEARCH ENGINE FOR A PERSONAL MEDIA NETWORK | 014255/0569 |
| BP2822 | Karaoguz, et al. | 09/26/2003 | 10672,251 | 8832 | Training device designed to improve the physical readiness level of the low back and pelvic girdle | 014244/0522 |
| BP2824 | Bennett, et al. | 09/30/2003 | 10675,458 | 5610 | Headend pre-processing media guide support for personal media exchange network | 014244/0406 |
| BP2825 | Karaoguz, et al. | 09/26/2003 | 10672,654 | 8222 | Media exchange network having media processing systems and personal computers with common user interfaces | 014255/0557 |
| BP2826 | Karaoguz, et al. | 09/30/2003 | 10675,287 | 5434 | Method and system for a media exchange network supporting transparent pe-to-pe media interchange interface | 014340/0169 |
| BP2827C1 | Karaoguz, et al. | 05/11/2011 | 13/105,313 | 2997 | MEDIA EXCHANGE NETWORK SUPPORTING MULTIPLE BROADBAND NETWORK AND SERVICE PROVIDER INFRASTRUCTURES | 014244/0481 |
| BP2828 | Karaoguz, et al. | 09/30/2003 | 10675,491 | 6014 | Method and system for secure linking with authentication and authorization in a media exchange network | 014291/0738 |
| BP2829 | Karaoguz, et al. | 09/30/2003 | 10675,843 | 6899 | Automated routing of media through a media exchange network | 014252/0233 |
| BP2830.1C2 | Karaoguz, et al. | 09/13/2011 | 13/231,248 | 8564 | SECURE MEDIA PERIPHERAL ASSOCIATION IN A MEDIA EXCHANGE NETWORK | 014252/0904 |
| BP2830C2 | Karaoguz, et al. | 04/12/2011 | 13/084,721 | 1656 | SECURE LEGACY MEDIA PERIPHERAL ASSOCIATION WITH AUTHENTICATION IN A MEDIA EXCHANGE NETWORK | 014252/0827 |
| BP2831 | Karaoguz, et al. | 09/30/2003 | 10675,443 | 5634 | Server architecture supporting a personal media exchange network | 014253/0137 |
| BP2835 | Karaoguz, et al. | 09/26/2003 | 10672,907 | 9187 | Theft prevention of media peripherals in a media exchange network | 014388/0241 |
| BP2836 | Karaoguz, et al. | 09/22/2003 | 10667,036 | 7866 | BILLING SUPPORT IN A MEDIA EXCHANGE NETWORK | 014266/0538 |
| BP2836C1 | Karaoguz, et al. | 12/15/2011 | 13/326,601 | 1047 | BILLING SUPPORT IN A MEDIA EXCHANGE NETWORK | 014266/0538 |
| BP2837C1 | Karaoguz, et al. | 08/16/2011 | 13/210,787 | 2823 | MEDIA PROCESSING SYSTEM SUPPORTING ADAPTIVE DIGITAL MEDIA PARAMETERS BASED ON END-USER VIEWING CAPABILITIES | 014271/0923 |
| BP2839 | Kellerman, et al. | 09/30/2003 | 10674,672 | 5006 | Supporting multiple users from a single location sharing a media processing system via a personal media guide | 014264/0574 |
| BP2840C3 | Karaoguz, et al. | 07/26/2011 | 13/190,684 | 2647 | PRINTER RESOURCE SHARING IN A MEDIA EXCHANGE NETWORK | 014307/0163 |
| BP2841 | Karaoguz, et al. | 09/30/2003 | 10675,439 | 5630 | Method and system for network storage in a media exchange network | 014252/0816 |
| BP2842 | Karaoguz, et al. | 09/30/2003 | 10675,385 | 6838 | Third party media channel access in a media exchange network | 014252/0778 |
| BP2843C2 | Karaoguz, et al. | 08/11/2009 | 12/539,361 | 9156 | PURCHASING PERIPHERAL SUPPORT IN A MEDIA EXCHANGE NETWORK | 014255/0632 |

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| BP2844 | Karaoguz, et al. | 09/26/2003 | 10672,864 | 1276 | Remote management of TV viewing options in a media exchange network | 014255/0646 |
| BP2846 | Karaoguz, et al. | 09/30/2003 | 10675,358 | 5972 | Media processing system communicating activity information to support user interaction during media broadcasts | 014255/0653 |
| BP2848C1 | Karaoguz, et al. | 06/07/2011 | 13/155,024 | 2150 | MAND BROADCAST CHANNELS AND CHANNEL PROGRAMMING BASED ON USER VIEWING HISTORY, PROFILING, AND REQUESTS | 014255/0565 |
| BP2849 | Bennett, et al. | 09/30/2003 | 10675,903 | 6132 | QUALITY OF SERVICE SUPPORT IN A MEDIA EXCHANGE NETWORK | 014252/0801 |
| BP2849C1 | Karaoguz, et al. | 11/15/2011 | 13/296,363 | 4117 | QUALITY OF SERVICE SUPPORT IN A MEDIA EXCHANGE NETWORK | 014252/0801 |
| BP2850 | Karaoguz, et al. | 09/26/2003 | 10672,664 | 9798 | Media exchange network supporting delivery of media content to authorized vehicles via media processing system | 014255/0553 |
| BP2979C1 | Karaoguz, et al. | 08/07/2006 | 11/462,922 | 6094 | MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS | 014309/0938 |
| BP2979C1D1 | Karaoguz, et al. | 04/02/2009 | 12/417,389 | 6342 | MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS | 014309/0938 |
| BP2979C1D2 | Karaoguz, et al. | 04/02/2009 | 12/417,428 | 6419 | MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS | 014309/0938 |
| BP2980 | Karaoguz, et al. | 09/30/2003 | 10675,410 | 6495 | Personal streaming and broadcast channels in a media exchange network | 014249/0382 |
| BP2980C1 | Karaoguz, et al. | 05/20/2011 | 13/113,022 | 8722 | PERSONAL STREAMING AND BROADCAST CHANNELS IN A MEDIA EXCHANGE NETWORK | 014249/0382 |
| BP2981C1 | Karaoguz, et al. | 09/09/2008 | 12/207,471 | 1774 | MANAGEMENT OF MULTIMEDIA DISPLAY CONTENT IN A MEDIA EXCHANGE NETWORK | 014264/0555 |
| BP3261.1C2 | Matthew James Fischer | 12/13/2010 | 12/966,585 | 9038 | SYSTEM AND METHOD FOR MESSAGE QUEUE MANAGEMENT IN A POWER SAVE NETWORK | 014647/0203 |
| BP3261C1 | Matthew James Fischer | 10/02/2007 | 11/865,962 | 6283 | SYSTEM AND METHOD FOR MEDIUM ACCESS CONTROL IN A POWER-SAVE NETWORK | 014622/0955 |
| BP3339 | Trachewsky, et al. | 04/02/2004 | 10/817,094 | 2127 | RSSI slope calibration technique | 014858/0614 |
| BP3590 | Jayadev, et al. | 09/29/2004 | 10/953,056 | 3320 | Data storage controller with Designated Transmit DMA Channel and Receive DMA Channel with Shared Tag Table | 015966/0183 |
| BP3598 | Chris Wilson | 04/15/2005 | 11/107,224 | 6069 | Automatic setup of parameters in networked devices | 016220/0424 |
| BP3600 | Rustagi, et al. | 04/08/2005 | 11/101,734 | 7971 | Graphical user interface for hard disk drive management in a data storage system | 016208/0385 |
| BP3608C1 | Moorti, et al. | 08/16/2011 | 13/210,676 | 2622 | METHOD AND SYSTEM FOR MULTI-ANTENNA PREAMBLES FOR WIRELESS NETWORKS PRESERVING BACKWARD COMPATIBILITY | 016183/0416 |

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| BP3690 | Aldana, et al. | 05/25/2005 | 11/137,259 | 7186 | MULTIPLE TRANSMIT ANTENNA INTERLEAVING SIGN | 017612/0869 |
| BP3789C1 | Fischer, et al. | 06/21/2011 | 13/165,295 | 3562 | NETWORK TIME RESERVATION CANCELLATION | 016399/0868 |
| BP3899C2 | Jason A. Trachewsky | 09/06/2011 | 13/226,068 | 2890 | A LOW-RATE LONG-RANGE MODE FOR OFDM WIRELESS LANS | 017495/0631 |
| BP3955 | Mioorti, et al. | 07/26/2005 | 11/188,803 | 8977 | Pilot symbol transmission for multiple-transmit communication system | 016970/0979 |
| BP3956C2 | Trachewsky, et al. | 08/02/2011 | 13/196,082 | 3167 | BACKWARD-COMPATIBLE LONG TRAINING SEQUENCES FOR WIRELESS COMMUNICATION NETWORKS | 017568/0238 |
| BP3962 | Hansen, et al. | 02/14/2005 | 11/056,154 | 4330 | Encoding system and method for a transmitter in wireless communications | 016282/0858 |
| BP3963C1 | Hansen, et al. | 08/02/2011 | 13/196,659 | 2611 | Method and System for Encoding a Signal for Wireless Communications | 016288/0409 |
| BP3964C1 | Hansen, et al. | 09/15/2009 | 12/559,824 | 9135 | SIGNALING FORMAT FOR WIRELESS COMMUNICATIONS | 016288/0650 |
| BP3964C2 | Hansen, et al. | 12/12/2011 | 13/316,753 | 8300 | SIGNALING FORMAT FOR WIRELESS COMMUNICATIONS | 016288/0650 |
| BP3965C2 | Hansen, et al. | 04/05/2011 | 13/080,258 | 1442 | LONG TRAINING SEQUENCE METHOD AND DEVICE FOR WIRELESS COMMUNICATIONS | 016288/0431 |
| BP3966C1 | Hansen, et al. | 09/23/2008 | 12/232,720 | 2002 | Device and method for transmitting long training sequence for wireless communications | 016288/0421 |
| BP3967C1 | Jousuk Kim | 02/05/2010 | 12/701,217 | 9554 | WIRELESS LOCAL AREA NETWORK SYSTEM USING SPACE-TIME BLOCK CODING (STBC) HAVING BACKWARD COMPATIBILITY WITH PRIOR STANDARDS | 016028/0794 |
| BP3969 | Hansen, et al. | 12/07/2004 | 11/005,100 | 5575 | Low latency interleaving and deinterleaving | 016065/0349 |
| BP4010.10C1 | Thawani, et al. | 04/19/2011 | 13/089,413 | 1378 | Method and System for Improved Communication Network Setup Utilizing Extended Terminals | 016847/0718 |
| BP4010.2C1 | Prasinski, et al. | 10/10/2011 | 13/269,989 | 4940 | Transporting Configuration Protocol Messages Across a Distribution System (DS) in a Wireless Local Area Network (WLAN) | 016807/0375 |
| BP4010.3C1 | Prasinski, et al. | 07/25/2011 | 13/190,053 | 1419 | Method and System for Exchanging Setup Configuration Protocol Information in Beacon Frames in a WLAN | 016816/0094 |
| BP4010.5 | Carter, et al. | 08/18/2005 | 11/208,275 | 8899 | Architecture for supporting secure communication network setup in a wireless local area network (WLAN) | 016807/0362 |
| BP4010.6 | Prasinski, et al. | 08/18/2005 | 11/208,346 | 8869 | Method and system for improved authentication for communications network setup | 016847/0722 |
| BP4010.7 | George, et al. | 08/18/2005 | 11/207,661 | 8093 | Method and system for EAP encapsulation exchange for a setup configuration protocol in a WLAN | 016847/0712 |

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| BP4010.9 | Thawani, et al. | 08/18/2005 | 11/208,284 | 9208 | METHOD AND SYSTEM FOR DISTRIBUTION OF CONFIGURATION INFORMATION AMONG ACCESS POINTS IN A WIRELESS LOCAL AREA NETWORK (WLAN) ACROSS A DISTRIBUTION SYSTEM (DS) | 016847/0708 |
| BP4010C1 | Prasinski, et al. | 08/05/2011 | 13/204,361 | 9678 | Method and System for Improved Communication Network Setup | 018380/0253 |
| BP4285.1 | Markel, et al. | 04/22/2005 | 11/112,099 | 6536 | Mobile communication device and system supporting media flow control | 016297/0093 |
| BP4350 | Chris Wilson | 01/25/2006 | 11/339,642 | 6375 | Method and system of erasing data pool residing over multiple data storage drives | 017638/0698 |
| BP4355C2 | Hansen, et al. | 05/03/2011 | 13/100,014 | 2004 | Method and System for Frame Formats for MIMO Channel Measurement Exchange | 015968/0628 |
| BP4366C1 | Eric J. Olard | 04/15/2010 | 12/760,665 | 9520 | EFFICIENT OPTIMAL ML DETECTOR | 017110/0672 |
| BP4371 | Palm, et al. | 01/23/2006 | 11/348,624 | 5722 | Minimum intervention authentication of heterogeneous network technologies (MIAINT) | 017320/0447 |
| BP4377C1 | Joonsuk Kim | 12/18/2008 | 12/338,895 | 6229 | Method and System for Rate Selection Algorithm to Maximize Throughput in Close Loop Multiple Input Multiple Output (MIMO) Wireless Local Area Network (WLAN) System | 016101/0743 |
| BP4384C1 | Koudylis, et al. | 10/19/2010 | 12/907,385 | 1916 | Method and System for Minimum Mean Squared Error Soft Interference Cancellation (MMSE-SIC) Based Suboptimal Maximum Likelihood (ML) Detection for Multiple Input Multiple Output (MIMO) Wireless System | 017890/0678 |
| BP4429 | Hansen, et al. | 06/09/2005 | 11/151,772 | 5063 | Method and system for compromise greenfield preambles for 802.11n | 016539/0735 |
| BP4469C1 | Ling Su | 04/20/2010 | 12/763,670 | 5879 | METHOD AND SYSTEM FOR AN ADAPTIVE VBLAST RECEIVER FOR WIRELESS MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) DETECTION | 017405/0126 |
| BP4494C1 | Lance Flake | 08/25/2010 | 12/868,271 | 5557 | USING FRACTIONAL SECTORS FOR MAPPING DEFECTS IN DISK DRIVES | 016652/0560 |
| BP4720C2 | Pham, et al. | 03/31/2010 | 12/751,730 | 1148 | LIZATION OF THE INTERNET PROTOCOL TO FACILITATE COMMUNICATION INVOLVING MOBILE DEVICES | 017262/0789 |
| BP4724C1 | Morris, et al. | 10/16/2007 | 11/873,164 | 1127 | SYSTEM AND METHOD FOR SECURE BIOMETRIC IDENTIFICATION | 017262/0789 |
| BP4936D1 | Vinko Erceg | 03/23/2010 | 12/729,443 | 7221 | METHOD AND SYSTEM FOR DIVERSITY PROCESSING INCLUDING USING DEDICATED PILOT METHOD FOR OPEN LOOP | 018391/0428 |
| BP4937 | Erceg, et al. | 02/15/2006 | 11/355,110 | 1387 | Method and apparatus for processing transmit power control (TPC) commands in a wideband CDMA (WCDMA) network | 017358/0852 |

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| BP5114.1 | Joonsuk Kim | 01/06/2006 | 11/327,690 | 1869 | Method and system for utilizing given rotation expressions for asymmetric beamforming matrices in explicit feedback information | 017307/0984 |
| BP5114.2 | Joonsuk Kim | 06/09/2006 | 11/450,818 | 8283 | Method and system for utilizing given rotation to reduce feedback information overhead | 018559/0460 |
| BP5114C1 | Joonsuk Kim | 01/18/2011 | 13/008,118 | 8160 | Method and System for Utilizing Tone Grouping With Given Rotations to Reduce Overhead Associated With Explicit Feedback Information | 017296/0026 |
| BP5158 | Carlos H. Aldana | 01/30/2006 | 11/342,427 | 4410 | Method and system for feedback of antenna beamforming | 017319/0099 |
| BP5210 | Tony Kirke | 06/07/2006 | 11/422,637 | 4522 | METHOD AND SYSTEM FOR COMMUNICATION OF INFORMATION BY A HANDHELD COMMUNICATION DEVICE IN AN AD-HOC NETWORK | 018479/0669 |
| BP5211 | Tony Kirke | 06/07/2006 | 11/422,638 | 4523 | HANDHELD COMMUNICATION DEVICE FOR COMMUNICATION OF INFORMATION | 023321/0152 |
| BP5212 | Tony Kirke | 06/07/2006 | 11/422,640 | 4526 | METHOD AND SYSTEM FOR DISCOVERING COMMUNICATION DEVICES | 023816/0115 |
| BP5213 | Tony Kirke | 06/07/2006 | 11/422,645 | 4531 | METHOD AND SYSTEM FOR PROVIDING CONTINUITY OF SERVICE WITH AN EXISTING COMMUNICATION NETWORK | 023321/0203 |
| BP5214 | Tony Kirke | 06/07/2006 | 11/422,649 | 4537 | METHOD AND SYSTEM FOR DELIVERING MESSAGES TO ONE OR MORE HANDHELD COMMUNICATION DEVICES | 022349/0105 |
| BP5215 | Tony Kirke | 06/04/2006 | 11/422,657 | 4545 | METHOD AND SYSTEM FOR ENABLING RECEPTION OF TARGETED SERVICES TO A HANDHELD COMMUNICATION DEVICE | 017953/0349 |
| BP5216 | Tony Kirke | 06/07/2006 | 11/422,664 | 4554 | METHOD AND SYSTEM FOR ENABLING ACCESS TO EMERGENCY SERVICES VIA A HANDHELD COMMUNICATION DEVICE | 017953/0250 |
| BP5218 | Kim, et al. | 03/30/2006 | 11/393,224 | 8306 | Method and system for quantization for a general beamforming matrix in feedback information | 018024/0552 |
| BP5260 | Fischer, et al. | 06/16/2006 | 11/454,207 | 6132 | Method and system for bridging and routing offload in a multipoint wireless system | 018053/0020 |
| BP5282 | Karaoguz, et al. | 07/25/2006 | 11/492,667 | 7073 | Method and system for content-aware mapping/error protection | 018189/0763 |
| BP5283 | Karaoguz, et al. | 07/25/2006 | 11/492,391 | 6846 | Method and system for providing visually related content description to the physical layer | 018143/0633 |
| BP5284 | Houary, et al. | 07/25/2006 | 11/492,721 | 7685 | Method and system for content-aware mapping/error protection using different spatial streams | 018154/0858 |
| BP5285 | Hooman Honary | 07/25/2006 | 11/492,381 | 6840 | Method and system for medium access control (MAC) layer specialization for voice and multimedia data streams | 018143/0590 |

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| BP5289C1 | Ariyavistakul, et al. | 02/16/2010 | 12/706,042 | 9905 | METHOD AND SYSTEM FOR MINIMIZING EFFECTS OF TRANSMITTER IMPAIRMENTS IN MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) BEAMFORMING COMMUNICATION SYSTEMS | 018578/0655 |
| BP5291 | Lance Flake | 03/29/2006 | 11/391,862 | 6284 | OPTIMIZED TRANSMISSION OF SIGNALS BETWEEN A DISK DRIVE CONTROLLER AND A MOTOR CONTROLLER USING A SERIAL PORT | 017939/0919 |
| BP5338C1 | Karaoguz, et al. | 01/12/2011 | 13/005,247 | 2095 | METHOD AND SYSTEM FOR REDUNDANCY-BASED DECODING OF VOICE CONTENT IN A WIRELESS LAN SYSTEM | 018176/0527 |
| BP533811 | Karaoguz, et al. | 03/15/2007 | 11/686,876 | 7157 | METHOD AND SYSTEM FOR REDUNDANCY-BASED DECODING OF VIDEO CONTENT IN A WIRELESS SYSTEM | 019187/0304 |
| BP5474 | Honary, et al. | 03/07/2007 | 11/683,187 | 1416 | METHOD AND SYSTEM FOR MEDIUM ACCESS CONTROL (MAC) RATE SELECTION | 019108/0654 |
| BP5475 | Karaoguz, et al. | 09/28/2006 | 11/536,325 | 8864 | METHOD AND SYSTEM FOR DISTRIBUTED INFRASTRUCTURE FOR STREAMING DATA VIA MULTIPLE ACCESS POINTS | 018449/0761 |
| BP5528 | Jousuk Kim | 09/27/2006 | 11/535,794 | 8108 | Method And System For Explicit Feedback With Sounding Packet For Wireless Local Area Networks (WLAN) | 018578/0571 |
| BP5674 | Christopher J. Hansen | 10/20/2006 | 11/584,213 | 4688 | Method and system for high speed wireless data transmission between communication devices | 018578/0728 |
| BP5839 | Erege, et al. | 08/29/2007 | 11/847,022 | 1450 | METHOD AND SYSTEM FOR AN IMPROVED MIMO MODULATION CODING SET FEEDBACK SYSTEM | 020292/0705 |
| BP5858 | Matthew James Fischer | 11/07/2007 | 11/936,597 | 1122 | SERIAL CLEAR TO SEND (CTS) TO SELF (CTS2SELF) MESSAGING PROCEDURE | 020205/0439 |
| BP5926 | Fischer, et al. | 12/07/2007 | 11/952,202 | 9812 | METHOD AND SYSTEM FOR COEXISTENCE BETWEEN 20 MHZ AND 40 MHZ OVERLAPPING BASIC SERVICE SETS (OBSS) IN WIRELESS LOCAL AREA NETWORKS | 020579/0548 |
| BP5952 | Fischer, et al. | 08/27/2007 | 11/845,377 | 8618 | METHOD AND SYSTEM FOR AN AD HOC WIRELESS NETWORK WITH MASTER CONTROL OF NETWORK PARAMETERS | 020267/0799 |
| BP6163 | Mark Gonikberg | 11/26/2007 | 11/944,955 | 6509 | METHOD AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK (WLAN) PHASE SHIFTER TRAINING | 020272/0566 |
| BP6163C1 | Mark Gonikberg | 12/05/2011 | 13/310,938 | 3879 | Method and System for Wireless Local Area Network (WLAN) Phase Shifter Training | 020272/0566 |
| BP6164C1 | Mark Gonikberg | 07/18/2011 | 13/185,268 | 1982 | Method and System for Using a Wireless Local Area Network (WLAN) Phase Shifter for Smart Antenna Beam Steering | 021272/0440 |

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| BP6182 | Ptasinski, et al. | 03/05/2008 | 12/042,928 | 4298 | INFRASTRUCTURE OFFLOAD WAKE ON WIRELESS LAN (WOWL) | 020607/0969 |
| BP6182.1 | Henry Ptasinski | 03/27/2008 | 12/056,817 | 1228 | Method and System For Network Infrastructure Offload Traffic Filtering | 021272/0698 |
| BP6403 | Yasanthi N. Rajakarunayake | 06/15/2007 | 11/763,831 | 4410 | METHOD AND SYSTEM FOR RECEIVING CONTENT OVER CONCURRENT MULTICHANNELS | 019561/0656 |
| BP6441.1C1 | Hansen, et al. | 01/04/2011 | 12/984,006 | 1503 | METHOD AND SYSTEM FOR MULTISSESSION COMMUNICATION USING MULTIPLE PHYSICAL (PHY) LAYERS | 019986/0453 |
| BP6441.1C2 | Hansen, et al. | 12/09/2011 | 13/316,284 | | | 019986/0453 |
| BP6441C1 | Hansen, et al. | 09/23/2010 | 12/889,115 | 5726 | METHOD AND SYSTEM FOR UTILIZING A HIGH FREQUENCY PHY LAYER FOR HIGH SPEED DATA TRANSMISSION BETWEEN WIRELESS DEVICES | 019986/0476 |
| BP6442 | Hansen, et al. | 09/04/2007 | 11/849,812 | 6356 | METHOD AND SYSTEM FOR LOW RATE MAC/PHY FOR 60 GHZ TRANSMISSION | 019986/0548 |
| BP6443C1 | Hansen, et al. | 09/14/2001 | 13/23,697 | 5732 | Method and System for 60 GHz Antenna Adaptation and User Coordination Based on Base Station Beacons | 020087/0784 |
| BP6444C1 | Hansen, et al. | 03/21/2011 | 13/052,923 | 7346 | METHOD AND SYSTEM FOR 60 GHZ LOCATION DETERMINATION BASED ON VARYING ANTENNA DIRECTION AND COORDINATION OF WLAN/WPAN/GPS MULTIMODE DEVICES | 020200/0022 |
| BP6467 | Kim, et al. | 09/28/2007 | 11/864,611 | 3793 | METHOD AND SYSTEM FOR SFBC/STBC IN A COMMUNICATION DIVERSITY SYSTEM USING ANGLE FEEDBACK | 020377/0129 |
| BP6468 | Joonsuk Kim | 09/24/2007 | 11/860,337 | 6396 | METHOD AND SYSTEM FOR SFBC/STBC IN A DIVERSITY TRANSMISSION SYSTEM USING ALAMOUTI CODES | 020268/0016 |
| BP6521 | Erege, et al. | 06/25/2008 | 12/146,093 | 4456 | METHOD AND SYSTEM FOR ADAPTATION BETWEEN DIFFERENT CLOSED-LOOP, OPEN-LOOP AND HYBRID TECHNIQUES FOR MULTIPLE ANTENNA SYSTEMS | 021277/0329 |
| BP6551 | Wang, et al. | 11/14/2007 | 11/939,711 | 6489 | METHOD AND SYSTEM FOR AN EFFICIENT TIME ELEMENT SUPPORTING MULTIPLE ISSUES IN A WIRELESS LAN | 020271/0430 |
| BP6700 | Daniel Daum | 01/16/2009 | 12/355,015 | 5872 | Method and System for Time Based WLAN Scanning | 023825/0772 |
| BP6740 | Aldana, et al. | 08/29/2008 | 12/201,737 | 9983 | METHOD AND SYSTEM FOR A TRANSMITTING ANTENNA SELECTION FAILURE RECOVERY MODE | 021815/0103 |
| BP6741 | Kim, et al. | 08/12/2008 | 12/190,272 | 8497 | METHOD AND SYSTEM FOR BEAMFORMING IN A MULTIPLE USER MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) COMMUNICATION SYSTEM USING A CODEBOOK | 021814/0966 |

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| BP6745 | Matthew James Fischer | 08/15/2008 | 12/192,568 | 3002 | METHOD AND SYSTEM FOR BLUETOOTH (BT) DELAYED ACKNOWLEDGEMENT (ACK) | 021788/0860 |
| BP6746 | Matthew James Fischer | 09/12/2008 | 12/209,379 | 4386 | Method and System for Multicast Retry in a Communication Network | 022398/0635 |
| BP6963 | Kolze, et al. | 11/12/2008 | 12/269,865 | 1141 | METHOD AND SYSTEM FOR DIGITAL VIDEO BROADCAST FOR CABLE (DVB-C2) | 022467/0238 |
| BP7024 | Diab, et al. | 08/21/2008 | 12/196,120 | 9747 | METHOD AND SYSTEM FOR A CENTRALIZED VEHICULAR ELECTRONICS SYSTEM UTILIZING ETHERNET WITH AUDIO VIDEO BRIDGING | 021470/0741 |
| BP702411 | Diab, et al. | 03/31/2010 | 12/751,829 | 1335 | METHOD AND SYSTEM FOR A CENTRALIZED VEHICULAR ELECTRONICS SYSTEM UTILIZING ETHERNET IN AN AIRCRAFT | 024432/0104 |
| BP7025 | Diab, et al. | 08/21/2008 | 12/196,142 | 9785 | METHOD AND SYSTEM FOR VEHICULAR POWER DISTRIBUTION UTILIZING POWER OVER ETHERNET | 021470/0764 |
| BP7090 | Chen, et al. | 04/23/2009 | 12/428,943 | 9979 | OD AND SYSTEM FOR VIDEO TRANSMISSION AND PROCESSING WITH CUSTOMIZED WATERMARKING DELIVERY | 023194/0659 |
| BP7106 | Greg Goldman | 05/01/2009 | 12/434,401 | 1131 | METHOD AND SYSTEM FOR USING POWER MANAGEMENT BITS IN ACKNOWLEDGMENT (ACK) FRAMES RECEIVED FROM WIRELESS ACCESS POINTS | 023771/0531 |
| BP7295 | Ptasinski, et al. | 03/17/2009 | 12/405,354 | 3440 | METHOD AND SYSTEM FOR SECURE BLOCK ACKNOWLEDGMENT (BLOCK ACK) WITH PROTECTED MAC SEQUENCE NUMBER | 022666/0757 |
| BP7322 | Ariyavistiakul, et al. | 04/27/2009 | 12/430,286 | 2846 | METHOD AND SYSTEM FOR PREDICTING CHANNEL QUALITY INDEX (CQI) VALUES FOR MAXIMUM LIKELIHOOD (ML) DETECTION IN A 2X2 MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) WIRELESS SYSTEM | 022665/0614 |
| BP7488 | Jeyhan Karaoguz | 08/12/2009 | 12/539,759 | 9954 | POSITION-BASED CONTROL OF ACCESS TO ALTERNATIVE COMMUNICATION NETWORKS | 023113/0553 |